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<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>	Application Number	09/481,803	
	Filing Date	08/31/1998	
	First Named Inventor	Avto Tavkheldidze	
	Art Unit	2834	
	Examiner Name	Tamai, Karl I	
Total Number of Pages in This Submission	13	Attorney Docket Number	

ENCLOSURES (Check all that apply)		
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Firm or Individual	Avto Tavkheldidze
Signature	<i>A. Tavkheldidze</i>
Date	February 11, 2003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: )  
Avto TAVKHELIDZE, )  
Jonathan Sidney EDELSON ) Examiner TAMAI, KARL IE  
 )  
Filed: August 31, 1998 ) Group Art Unit 2834  
 )  
Serial No.: 09/481,803 )  
 )  
Title: DIODE DEVICE )

Commissioner of Patents  
U.S. Patent and Trademark Office  
Washington, D.C. 20231

Faxed: February 11, 2003

Sir:

AMENDMENT

In response to the Office Action, mailed 11 December 2002, Applicant requests that the above-captioned patent application be amended as follows:

IN THE CLAIMS

Please amend claims 1 and 23 to read as follows:

- 1) Apparatus for the conversion of energy comprising:

- a) a source of energy;
- b) an emitter electrode connected to said source of energy;
- c) a collector electrode,
- d) an electrical circuit connecting said electrodes; and
- e) manipulating means for controlling the distance separating said electrodes, connected to either or both of said electrodes;

wherein said emitter electrode and said collector electrode each comprise a surface for positioning facing the other, wherein said surfaces are substantially flat and wherein topographical features of said emitter electrode surface match topographical features of said collector electrode surface.

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Proprietary and Confidential, Property of Borealis Technical Limited  
Title: DIODE DEVICE, Filed August 31, 1998  
Response to Final Office Action after RCE, Faxed: February 11, 2003  
Avto Tavkhelidze and Jonathan Edelson

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